INFORMATION DISCLOSURE CITATION

Atty. Docket No.	Serial No.
723-963	09/722,663
Applicant	
FOULADI et al.	
Filing Date	**Group**
November 28, 2000	2673

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DW		4,275,413	Jun-81	Sakamoto et al.			
DW		4,463,380	Jul-84	HOOKS, Jr.			
DW		4,491,836	Jan-85	Collmever et al.			
DW		4,586,038	Apr-86	Sims et al.			
DW		4,600,919	Jul-86	Stern			
DW		4,615,013	Sep-86	YAN et al.			
DW		4,625,289	Nov-86	Rockwood			
DW		4,653,012	Mar-87	Duffy et al.			
DW		4,692,880	Sep-87	MERZ et al.			
DW		4,695,943	Sep-87	Keeley et al.			
DW		4,710,876	Dec-87	Cline et al.			
DW		4,768,148	Aug-88	Keeley et al.			
DW		4,785,395	Nov-88	Keeley			
DW		4,790,025	Dec-88	Inoue et al.			
DW		4,808,988	Feb-89	BURKE et al.			
DW		4,812,988	Mar-89	Duthuit et al.			
DW		4,829,452	May-89	Kang et al.			
DW		4,833,601	May-89	Barlow et al.			
DW		4,855,934	Aug-89	Robinson			
DW		4,888,712	Dec-89	BARKANS et al.			
DW		4,897,806	Jan-90	COOK et al.			
DW		4,907,174	Mar-90	PRIEM			
DW		4,918,625	04/17/1	Yan			
DW		4,935,879	Jun-90	UEDA			
DW		4,965,751	Oct-90	Thaver et al.			
DW		4,974,176	Nov-90	BUCHNER et al.			
DW		4,974,177	Nov-90	NISHIGUCHI			
DW		4,975,977	Dec-90	Kurosu et al.			
DW		4,989,138	Jan-91	Radochonski			
DW		5,003,496	Mar-91	HUNT, Jr. et al.			
DW		5,016,183	May-91	Shyong			
DW		5,018,076	May-91	JOHARY et al.			
DW		5,043,922	Aug-91	Matsumoto			
DW		5,056,044	Oct-91	Frederickson et al.			
DW		5,086,495	Feb-92	Gray et al.			
DW		5,091,967	Feb-92	Ohsawa			
DW		5,097,427	Mar-92	Lathrop et al.			
DW		5,144,291	Sep-92	Nishizawa			
DW		5,163,126	Nov-92	Einkauf et al.			

*Examiner	Junkheng Wang	Date Considered	9/10/03

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INFORMATION DISCLOSURE CITATION

Atty. Docket No.	Serial No.
723-963	09/722,663
Applicant	
FOULADI et al.	
Filing Date	**Group**
November 28, 2000	2673

		5,179,638	Jan-93	Dawson et al.			
		5,224,208	Jun-93	MILLER, JR. et al.			
		5,239,624	Aug-93	COOK et al.			
		5,241,658	Aug-93	MASTERSON et al.			
		5,255,353	Oct-93	Itoh			
		5,268,995	Dec-93	Diefendorff et al.			
		5,268,996	Dec-93	STEINER et al.			
		5,278,948	Jan-94	Luken, Jr.			
		5,307,450	Apr-94	Grosssman			
		5,345,541	Sep-94	Kelley et al			
		5,353,424	Oct-94	Partovi et al.			
		5,357,579	Oct-94	BUCHNER et al.			
		5,361,386	Nov-94	Watkins et al.			
		5,363,475	Nov-94	BAKER et al.			
		5,377,313	Dec-94	Scheibl			
		5,394,516	Feb-95	WINSER			
		5,402,532	Mar-95	Epstein et al.			
		5,404,445	Apr-95	Matsumoto			
		5,408,650	Apr-95	ARSENAULT			
		5,412,796	May-95	OLIVE			
		5,415,549	May-95	LOGG			
		5,416,606	05/16/1	Katayama et al.			
		5,422,997	Jun-95	NAGASHIMA			
		5,432,895	Jul-95	MYERS			
		5,432,900	Jul-95	Rhodes et al			
		5,438,663	Aug-95	Matsumoto et al			
		5,448,689	Sep-95	Matsuo et al.			
		5,467,438	Nov-95	Nishio et al.			
		5,467,459	Nov-95	Alexander et al.			
		5,469,535	Nov-95	JARVIS et al.			
		5,473,736	Dec-95	Young			
		5,475,803	Dec-95	Stearns et al			
		5,487,146	Jan-96	Guttag et al.			
		5,490,240	Feb-96	FORAN et al.			
		5,495,563	Feb-96	WINSER			
		5,495,563	Feb-96	Winser, Paul A.			
		5,504,499	Apr-96	Horie et al.			
		5,535,374	Jul-96	OLIVE			
		5,543,824	Aug-96	PRIEM et al.			
		5,544,292	Aug-96	WINSER			
		5,548,709	Aug-96	HANNAH et al.			
		5,553,228	Sep-96	ERB et al.			

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INFORMATION DISCLOSURE CITATION

Atty. Docket No.	Serial No.
723-963	09/722,663
Applicant	
FOULADI et al.	
Filing Date	**Group**
November 28, 2000	2673

		5,557,712	Sep-96	Guay			
		5,561,746	Oct-96	MURATA et al.			
		5,561,752	Oct-96	Jevans			
		5,563,989	Oct-96	BILLYARD			
		5,566,285	Oct-96	Okada			
		5,573,402	Nov-96	GRAY			
		5,579,456	Nov-96	Cosman, Michael A.			
		5,582,451	Dec-98	COX et al.			
		5,586,234	Dec-96	SAKURABA et al.			
		5,593,350	Jan-97	BOUTON et al.			
		5,600,763	Feb-97	GREENE et al.			
		5,606,650	02/25/1	Kelley et al.			
		5,607,157	Mar-97	NAGASHIMA			
		5,616,031	Apr-97	LOGG			
		5,621,867	Apr-97	MURATA et al.			
		5,628,686	May-97	SVANCAREK et al.			
		5,638,535	Jun-97	Rosenthal et al.			
		5,649,082	Jul-97	Burns			
		5,650,955	Jul-97	PUAR et al.			
		5,651,104	Jul-97	COSMAN			
		5,657,045	Aug-97	Katsura et al.			
		5,657,443	Aug-97	Krech, Jr.			
		5,657,478	Aug-97	RECKER et al.			
		5,659,671	Aug-97	TANNENBAUM et al.			
		5,659,673	Aug-97	Nonoshita			
		5,659,715	Aug-97	WU et al.			
		5,664,162	Sep-97	DYE			
		5,666,439	Sep-97	Ishida et al			
		5,678,037	Oct-97	Osugi et al.			
		5,682,522	Oct-97	HUANG et al.			
		5,684,941	Nov-97	Dye			
		5,687,304	Nov-97	Kiss, Kenneth W.			
		5,694,143	Dec-97	Fielder et al.			
		5,696,892	Dec-97	REDMANN et al.(w/Abstract)			
		5,703,806	Dec-97	PUAR et al.			
		5,706,481	Jan-98	HANNAH et al.			
		5,706,482	Jan-98	MATSUSHIMA et al.			
		5,714,981	Feb-98	SCOTT-JACKSON et al.			
		5,724,561	Mar-98	TAROLLI et al.			
		5,726,689	Mar-98	NEGISHI et al.			
		5,726,947	Mar-98	Yamazaki et al.			
		5,734,386	Mar-98	COSMAN			

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Form PTO-FB-A820 (Also PTO-1449)

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Atty. Docket No.	Serial No.
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Applicant	
FOULADI et al.	
Filing Date	**Group**
November 28, 2000	2673

		5,739,819	Apr-98	Bar-Nahum			
		5,740,343	Apr-98	Tarolli et al.			
		5,740,383	Apr-98	NALLY et al.			
		5,740,406	Apr-98	Rosenthal et al.			
		5,742,749	Apr-98	Foran et al.			
		5,742,788	Apr-98	PRIEM et al.			
		5,745,118	Apr-98	ALCORN et al.			
		5,745,125	Apr-98	Deering et al.			
		5,748,199	May-98	Palm			
		5,748,986	May-98	Butterfield et al.			
		5,751,291	May-98	Olsen et al.			
		5,751,295	May-98	Becklund et al			
		5,751,930	May-98	Katsura et al.			
		5,754,191	May-98	Mills et al.			
		5,757,382	May-98	Lee			
		5,760,783	Jun-98	MIGDAL et al.			
		5,764,228	Jun-98	BALDWIN			
		5,764,237	Jun-98	KANEKO			
		5,767,856	Jun-98	PETERSON et al.			
		5,767,858	06/16/1	Kawase et al.			
		5,768,629	Jun-98	Wise et al.			
		5,777,623	Jul-98	SMALL			
		5,781,927	Jul-98	WU et al.			
		5,791,994	Aug-98	HIRANO et al.			
		5,801,720	Sep-98	Norrod et al.			
		5,805,175	Sep-98	Priem			
		5,808,619	Sep-98	CHOI et al.			
		5,809,219	Sep-98	PEARCE et al.			
		5,809,278	Sep-98	WATANABE et al.			
		5,818,456	Oct-98	COSMAN et al.			
		5,819,017	Oct-98	Akeley et al.			
		5,821,940	Oct-98	Morgan et al.			
		5,821,940	Oct-98	Morgan et al			
		5,822,516	Oct-98	Krech, Jr.			
		5,828,382	Oct-98	WILDE			
		5,828,907	Oct-98	Wise et al.			
		5,831,624	Nov-98	TAROLLI et al.			
		5,831,625	Nov-98	RICH et al. (w/Abstract)			
		5,831,640	Nov-98	WANG et al.			
		5,835,096	Nov-98	BALDWIN			
		5,835,792	Nov-98	Wise et al.			
		5,838,334	Nov-98	Dye			

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Applicant	
FOULADI et al.	
Filing Date	**Group**
November 28, 2000	2673

		5,844,576	Dec-98	WILDE et al.			
		5,850,229	Dec-98	Edelsbrunner et al.			
		5,859,645	Jan-99	LATHAM			
		5,861,888	Jan-99	DEMPSEY			
		5,861,893	Jan-99	Strugess, Jay J.			
		5,867,166	02-199	Myhrvold et al.			
		5,870,097	Feb-99	Snyder et al.			
		5,870,098	Feb-99	Gardiner			
		5,870,102	Feb-99	TAROLLI et al.			
		5,870,109	Feb-99	MCCORMACK et al.			
		5,870,587	Feb-99	DANFORTH et al.			
		5,872,902	Feb-99	Kuchkuda et al.			
		5,877,770	Mar-99	HANAOKA			
		5,877,771	Mar-99	DREBIN et al.			
		5,880,736	Mar-99	PEERCY et al.			
		5,880,737	03/09/1	Griffen et al.			
		5,883,638	Mar-99	Rouet et al.			
		5,886,701	Mar-99	Chauvin et al.			
		5,886,705	03/23/1	Lentz			
		5,887,155	Mar-99	Laidig			
		5,890,190	Mar-99	Rutman			
		5,892,517	Apr-99	RICH (w/Abstract)			
		5,892,974	Apr-99	KOIZUMI et al.			
		5,894,300	04/13/1	Takizawa			
		5,900,881	May-99	IKEDO			
		5,903,283	May-99	SELWAN et al.			
		5,909,218	Jun-99	Naka et al.			
		5,912,675	Jun-99	Laperriere			
		5,914,721	Jun-99	Lim			
		5,914,725	Jun-99	Mcinnnis et al.			
		5,914,729	Jun-99	LIPPINCOTT			
		5,920,876	Jul-99	UNGAR et al.			
		5,923,332	Jul-99	IZAWA			
		5,923,334	Jul-99	LUKEN			
		5,926,182	Jul-99	MENON et al.			
		5,926,647	Jul-99	ADAMS et al.			
		5,933,150	Aug-99	Ngo et al.			
		5,933,154	Aug-99	HOWARD et al.			
		5,933,155	Aug-99	AKELEY			
		5,933,529	Aug-99	Kim			
		5,936,641	Aug-99	Jain et al			
		5,940,089	Aug-99	Dilliplane			

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Applicant	
FOULADI et al.	
Filing Date	**Group**
November 28, 2000	2673

		5,940,538	Aug-99	Spiegel et al			
		5,943,058	Aug-99	Nagy			
		5,943,060	Aug-99	COSMAN et al.			
		5,945,997	Aug-99	ZHAO et al.			
		5,949,421	Sep-99	Ogletree et al.			
		5,949,423	Sep-99	Olsen			
		5,949,428	Sep-99	Toelle et al.			
		5,949,428	Sep-99	TOELLE et al.			
		5,956,042	Sep-99	Tucker et al.			
		5,956,043	Sep-99	JENSEN			
		5,958,020	Sep-99	EVOY et al.			
		5,959,640	Sep-99	RUDIN et al.			
		5,963,220	Oct-99	LEE et al.			
		5,966,134	Oct-99	Arias			
		5,977,979	Nov-99	Clough et al			
		5,977,984	Nov-99	OMORI			
		5,982,376	Nov-99	ABE et al.			
		5,982,390	Nov-99	Stoneking et al.			
		5,986,659	Nov-99	GALLERY et al.			
		5,986,663	11/16/1	Wilde			
		5,986,677	Nov-99	JONES et al.			
		5,987,567	Nov-99	RIVARD et al.			
		5,990,903	Nov-99	DONOVAN			
		5,995,120	Nov-99	Dye			
		5,995,121	Nov-99	Alcorn et al			
		5,999,189	Dec-99	Kajiya et al.			
		5,999,198	Dec-99	HORAN et al.			
		6,002,407	Dec-99	FADDEN			
		6,002,410	Dec-99	BATTLE			
		6,005,582	Dec-99	GABRIEL et al.			
		6,005,583	12/21/1	Morrison			
		6,005,584	12/21/1	Kitamura et al.			
		6,007,428	Dec-99	NISHIUMI et al.			
		6,008,820	Dec-99	Chauvin et al.			
		6,011,562	Jan-00	Gagne et al.			
		6,011,565	Jan-00	KUO et al.			
		6,014,144	Jan-00	NELSON et al.			
		6,016,150	01/18/2	Lengyel et al.			
		6,016,151	Jan-00	Lin			
		6,018,350	Jan-00	Lee et al.			
		6,021,417	Feb-00	Massarksy			
		6,022,274	Feb-00	TAKEDA et al.			

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723-963	09/722,663
Applicant	
FOULADI et al.	
Filing Date	**Group**
November 28, 2000	2673

		6,023,261	Feb-00	Ugajin			
		6,026,182	Feb-00	Lee et al			
		6,028,608	Feb-00	JENKINS			
		6,031,542	Feb-00	WITTIG			
		6,035,360	Mar-00	Doidge et al			
		6,037,948	Mar-00	Liepa			
		6,038,031	Mar-00	MURPHY			
		6,038,348	Mar-00	Carley			
		6,040,844	Mar-00	YAMAGUCHI et al.			
		6,041,010	Mar-00	PUAR et al.			
		6,043,821	Mar-00	Sprague et al.			
		6,046,746	Apr-00	DEERING			
		6,046,747	Apr-00	SAUNDERS et al.			
		6,046,752	Apr-00	Kirkland et al.			
		6,049,337	Apr-00	VAN OVERVELD			
		6,049,338	Apr-00	ANDERSON et al.			
		6,052,125	Apr-00	Gardiner et al.			
		6,052,126	Apr-00	SAKURABA et al.			
		6,052,127	Apr-00	VASWANI et al.			
		6,052,129	Apr-00	FOWLER et al.			
		6,052,133	Apr-00	Kang			
		6,054,993	04/25/2	Devic et al.			
		6,054,999	Apr-00	Strandberg			
		6,057,847	May-00	Jenkins			
		6,057,849	May-00	HAUBNER et al.			
		6,057,851	May-00	LUKEN et al.			
		6,057,859	May-00	Handelman et al.			
		6,057,861	May-00	LEE et al.			
		6,057,862	May-00	MARGULIS			
		6,057,863	May-00	Olarig			
		6,061,462	May-00	Tostevin et al			
		6,064,392	May-00	ROHNER			
		6,070,204	May-00	Poisner, David			
		6,072,496	Jun-00	Guenter et al.			
		6,075,543	Jun-00	AKELEY			
		6,075,546	Jun-00	HUSSAIN et al.			
		6,078,311	Jun-00	Pelkey, Michael H.			
		6,078,333	Jun-00	WITTIG et al.			
		6,078,334	Jun-00	HANAOKA et al.			
		6,078,338	Jun-00	HORAN et al.			
		6,081,274	Jun-00	SHIRAISHI			
		6,088,035	Jul-00	Sudarsky et al			

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November 28, 2000	2673

		6,088,042	Jul-00	Handelman et al.			
		6,088,487	Jul-00	Kurashige			
		6,088,701	Jul-00	Whalev et al.			
		6,091,431	Jul-00	SAXENA et al.			
		6,092,158	Jul-00	HARRIMAN et al.			
		6,094,200	Jul-00	Olsen et al			
		6,104,415	Aug-00	GOSSETT			
		6,104,417	Aug-00	NIELSEN et al.			
		6,105,094	Aug-00	LINDEMAN			
		6,108,743	Aug-00	DEBS et al.			
		6,111,582	Aug-00	Jenkins			
		6,111,584	Aug-00	Murphy, Nicholas J.N.			
		6,115,047	Sep-00	DEERING			
		6,115,049	Sep-00	Winner et al			
		6,118,462	Sep-00	MARGULIS			
		6,128,026	Oct-00	BROTHERS, III			
		6,144,365	Nov-00	Young et al.			
		6,144,387	Nov-00	LIU et al.			
		6,151,602	Nov-00	HEJLSBERG et al.			
		6,155,926	Dec-00	MIYAMOTO et al.			
		6,157,387	Dec-00	KOTANI			
		6,166,748	Dec-00	Van Hook et al.			
		6,172,678 B1	Jan-01	Shiraishi			
		6,177,944	Jan-01	FOWLER et al.			
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		6,226,713 B1	May-01	Mehrotra			
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		6,239,810	May-01	Van Hook et al.			
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		6,264,558	Jul-01	NISHIUMI et al.			
		6,268,861 B1	Jul-01	Sanz-Pastor et al.			
		6,275,235	Aug-01	Morgan, III, David L.			
		6,285,779	Sep-01	Lapidous et al.			
		6,292,194 B1	Sep-01	Powll, III			
		6,329,997	Dec-01	We et al.			
		6,331,856	Dec-01	Van Hook et al.			

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	6,353,438	Mar-02	VAN HOOK				
	6,356,497	Mar-02	PUAR et al.				
	6,408,362 B1	Jun-02	Arimilli et al.				
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